

PTO/SB/08A (04-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3**Complete if Known**

Application Number	10/607,992
Filing Date	Jun. 30, 2003
First Named Inventor	WILLIAM McFARLAND et al.
Art Unit	2661
Examiner Name	
Attorney Docket Number	MR2929-7/C

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]	A	US- 5,261,118	Nov. 09, 1993	VANDERSPOOL, II et al.	
	B	US- 5,400,322	Mar. 21, 1995	HUNT et al.	
	C	US- 5,499,236	Mar. 12, 1996	GIALLORENZI et al.	
	D	US- 5,506,867	Apr. 09, 1996	KOTZIN et al.	
	E	US- 5,742,527	Apr. 21, 1998	RYBICKI et al.	
	F	US- 5,870,427	Feb. 09, 1999	TIEDEMANN Jr. et al.	
	G	US- 5,914,932	Jun. 22, 1999	SUZUKI et al.	
	H	US- 5,966,644	Oct. 12, 1999	SUZUKI	
	I	US- 6,005,893	Dec. 21, 1999	HYLL	
	J	US- 6,044,067	Mar. 28, 2000	SUZUKI	
	K	US- 6,125,103	Sep. 26, 2000	BAUML et al.	
	L	US- 6,160,820	Dec. 12, 2000	ISAKSSON et al.	
	M	US- 6,215,778	Apr. 10, 2001	LOMP et al.	
	N	US- 6,628,673	Sep. 30, 2003	McFARLAND et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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[Signature]

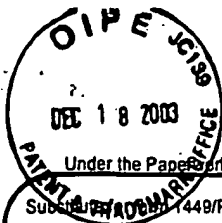
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Considered

12/22/05

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Subclass 1449/PTO

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Application Number	10/607,992
Filing Date	Jun. 30, 2003
First Named Inventor	WILLIAM McFARLAND et al.
Art Unit	2661
Examiner Name	
Attorney Docket Number	MR2919-7/C

Sheet 2 of 3

NON PATENT LITERATURE DOCUMENTS

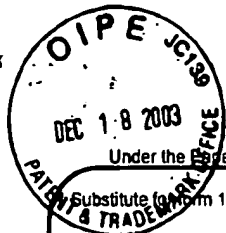
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mp	O	HERMANN ROHLING et al., "Performance Comparison of Different Multiple Access Schemes for the Downlink of an OFDM Communication System", IEEE 47th Vehicular Technology Conference, May 04, 1997, pg. 1365-1369, Phoenix Arizona	
	P	ANDREW VITERBI, "The Orthogonal-Random Waveform Dichotomy for Digital Mobile Personal Communication", IEEE Personal Communications, 1994, pg. 18-23	
	Q	GREGORY POTTIE et al., "Channel Coding Strategies for Cellular Radio", IEEE International Symposium on Information Theory, Jan. 17, 1993, San Antonio Texas	
	R	HAKAN OLOFSSON et al., "Interference Diversity Gain in Frequency Hopping GSM", IEEE 45th Vehicular Technology Conference, Jul. 25, 1995, Chicago, Illinois	
	S	J.-I CHUANG, "An OFDM-Based System with Dynamic Packet Assignment and Interference Suppression for Advanced Cellular Internet Service", IEEE GLOBECOM 1998 Sydney Conference record 2 of 6, Nov.08, 1998, Sydney Australia	
	T	WOLFGANG EBERIE et al., "Design Aspects of an OFDM Based Wireless LAN with Regard to ASIC Integration", Braunschweig Germany, Sept. 16-17, 1997	
	U	SHINSUKE HARA et al., "Transmission Performance Analysis of Multi-Carrier Modulation in Frequency Selective Fast Rayleigh Fading Channel", Wireless Personal Communications 2, 1996, pg. 335-356, Kluwer Academic Publishers, Netherlands	
	V	CLACK D. THOMPSON, "Fourier Transforms in VLSI", IEEE Transactions on Computers, Vol. C-32, No. 11, Nov. 1983, pg. 1047-1057	
	W	HERMANN ROHLING et al., "Comparison of Multiple Access Schemes for an OFDM Downlink System", Multi-Carrier Spread-Spectrum, 1997, pg. 23-30, Kluwer Academic Publishers, Netherlands	
mp	X	ALVIN M. DESPAIN, "Very Fast Fourier Transform Algorithms Hardware for Implementation", IEEE Transactions on Computers, Vol. C-28, No. 5, May 1979, pg. 333-341	

Examiner Signature	<i>Manu...</i>	Date Considered	12/22/05
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		Application Number	10/607,992
		Filing Date	Jun. 30, 2003
		First Named Inventor	WILLIAM McFARLAND et al.
		Art Unit	2661
		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	MR2919-7/C

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MP	Y	HAMID ALIKHANI et al., "BDMA Band Division Multiple Access, A New Air-Interface for 3rd Generation Mobile System, UMTS, in Europe", , PG. 482-488	

Examiner Signature	<i>Manu r. phan</i>	Date Considered	12/22/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/607,992
Filing Date	30 June 2003
First Named Inventor	William McFarland, et al.
Art Unit	2661
Examiner Name	Unknown
Attorney Docket Number	MR2919-7/0

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mp	F	Mitsugu Ohkawa, et al., "Orthogonal Multicarrier Frequency Hopping-Code Division Multiple Access Scheme for Frequency-Selective Fading, Electronics and Communications in Japan, Part 1, Vol. 78, No. 8, pp. 86-98, Scripta Technica, Inc. (1995)	
	G	Qingzin Chen, et al., "Multicarrier CDMA with Adaptive Frequency Hopping for Mobile Radio Systems," IEEE Journal on Selected Areas in Communications, Vol. 14, No. 9, pp. 1852-1858 (December, 1996).	
mp	H	Jan-Jaap van de Beek, et al., "A Time and Frequency Synchronization Scheme for Multiuser OFDM," IEEE Journal on Selected Areas in Communications, Vol. 17, No. 11, pp. 1900-1914 (November, 1999).	

Examiner Signature	<i>Manuel P. Sloan</i>	Date Considered	12/22/05
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